

HEALTH
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COUNTY BOROUGH OF DEWSBURY

ANNUAL REPORT

OF THE

PUBLIC HEALTH SERVICE

FOR THE YEAR

1945

BY

The Medical Officer of Health



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Joseph Ward & Co., The Prompt Printers, Church Street, Dewsbury.

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HEALTH COMMITTEE.

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Vice-Chairman—Alderman M. SCARGILL.

Alderman T. LEE, J.P.

Councillor H. ASHBY

Councillor J. N. BRODGEN

Councillor F. W. CRAVEN

Councillor C. F. DRANSFIELD

Councillor Mrs. I. HINCHLIFFE,

M.B.E., J.P.

Councillor H. M. NUNNS

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The Health Committee with Mesdames F. W. CRAVEN, J. FLOWERS,
H. J. HOLDEN and S. A. WOOD.

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Alderman M. SCARGILL

Councillor Mrs. I. HINCHLIFFE,

M.B.E., J.P.

Mrs. E. CULLINGWORTH

Miss H. M. LEE

Mrs. LIVERSIDGE

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The Health Committee with Mesdames F. W. CRAVEN, J. FLOWERS,
H. J. HOLDEN and S. A. WOOD.

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Vice-Chairman—Councillor R. MYERS.

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Councillor W. A. GREENWOOD

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Councillor J. R. KERSHAW

Councillor T. WALKER

Councillor W. WEST

JOINT COMMITTEES.

DEWSBURY JOINT HOSPITAL BOARD—

(Dewsbury Representatives).

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The Mayor (Councillor W. H. HOOPER, J.P. (*Ex-Officio*))

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Alderman T. LEE, J.P.

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Councillor W. A. GREENWOOD

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M.B.E., J.P.

Councillor J. E. McDONALD

SOUTH-WEST YORKSHIRE JOINT BOARD FOR THE MENTALLY DEFECTIVE—

(Dewsbury Representatives)

Alderman M. SCARGILL

Councillor T. WALKER

STAFF OF THE HEALTH DEPARTMENT, 1945.

Medical Officer of Health—

CARRICK G. PAYTON, M.D., Ch.B., D.P.H.

Deputy Medical Officer of Health—

E. H. TOMLIN, M.D., Ch.B., D.P.H. (on Military Service).

T. G. GALVIN, M.B., B.Ch., B.A.O., D.P.H., L.M., B.Sc. (Temp. from 23.1.45).

Assistant Medical Officers of Health—

G. H. WHALLEY, M.B., B.S., D.P.H. (on Military Service).

E. CONNOLLY, M.B., B.Ch., D.P.H., L.M., D.C.H. (Temporary from 29.1.45).

MARY DOREEN FOX, M.B., Ch.B.

Orthopaedic Surgeon—

*A. B. PAIN, Ch.M., F.R.C.S.

Ophthalmic Surgeon—

*W. OLIVER LODGE, F.R.C.S. (Ed.), D.O.M.S.

Consulting Obstetrician—

*D. CURRIE, M.D., F.R.C.S., M.R.C.O.G.

Dental Surgeons—

A. McCULLY, L.D.S. (on Military Service). (Res. 3-11-45).

B. ROLL, M.D. (Vienna), Temporary.

H. RAWNSLEY, L.D.S. (until 31-1-45).

Chief Sanitary Inspector—

H. HAWORTH, M.S.I.A., Cert. S.I.J.B., Cert. Meat Ins., Cert. Sanitary Science.

Deputy Chief Sanitary Inspector—

F. T. HARRISON, M.S.I.A., Cert. S.I.J.B., Cert. Meat Ins., Cert. San. Sc.,
Cert. Smoke Ins., Cert. Inst. San. Eng.

District Sanitary Inspectors—

N. HAWKINS, M.S.I.A., Cert. S.I.J.B., Cert. Meat Ins.

J. PESTER, M.S.I.A., Cert. S.I.J.B., Cert. Meat Ins., Cert. San. Science.,
Cert. Smoke Ins.

M. FAWCETT, M.S.I.A., Cert. S.I.J.B., Cert. Meat Ins. (until 31.3.45).

F. BURGIN, M.S.I.A., Cert. S.I.J.B. (on Military Service).

W. F. WELLER, M.S.I.A., Cert. S.I.J.B., Cert. Meat Ins. (from 18.6.45).

Whitley Sanatorium—

Matron—M. DIXON, S.R.N., Tuberculosis Certificate.

Moorlands Maternity Home.

Matron—C. BARRY, S.R.N., S.C.M.

Health Visitors—

M. MAHON, S.R.N., S.C.M., Health Visitor's Cert.
 K. MAHON, S.R.N., S.C.M., Health Visitor's Cert.
 I. GARTON, S.C.M., Health Visitor's Cert.
 A. E. WRIGHT, S.R.N., S.C.M., Health Visitor's Cert.

Tuberculosis Visitor—

M. TODHUNTER, S.R.N., S.C.M. (Retired 31.12.45).
 N. CLARK, S.R.N. (from 8.10.45).

Municipal Midwives—

N. CROFT, S.R.N., S.C.M.
 M. HAMMERTON, S.C.M.
 M. E. LANCASTER, S.C.M.
 E. H. SPENCER, S.C.M.

Borough Analyst—

*F. W. RICHARDSON, F.I.C.
 *F. W. M. JAFFE, B.Sc., F.I.C.

Chief Clerk and Vaccination Officer—

E. AUTY, C.R.S.I.

Clerical Staff—

G. AUTY (on Military Service).
 L. WHITELEY (on Military Service).
 D. NODDINGS.
 B. SUTTON (on Military Service) Res. 31.8.45.
 G. MILNES.
 P. H. COX (on Military Service).
 J. S. GARFORTH (on Military Service).
 E. SMALLWOOD.
 M. PARKER.
 E. ARCHER.
 W. E. LLOYD.
 R. POLLARD.
 H. WOOD (from 7.8.45).
 D. BEEVERS (from 8.8.45).

*Part-time.

ANNUAL REPORT, 1945.

To the Chairman and Members of the Public Health Committee.

MR. CHAIRMAN, MRS. HINCHLIFFE AND GENTLEMEN,

I have the honour to present my third Annual Report on the health activities carried out by the Council. The Report is abridged in accordance with the Ministry of Health Circulars Nos. 49/5 ; 28/46 ; 2831 and Memo. 230/Med.

The year under consideration is the first in which I have worked with a full staff of Medical Officers, and with the cessation of hostilities, has been marked by a rapid change from War to peace-time.

Generally the health of the people in the Borough has been good.

The Birth Rate is 18.18 compared with 16.1 for England and Wales. The Death Rate is 15.58 compared with 11.4 for England and Wales.

The Infantile Mortality Rate is 48.35 compared with 46.00 for England and Wales. While the Infantile Mortality Rate leaves much to be desired, care should be taken in comparing it with previous years owing to the fact that the population is decreasing.

During the Autumn a Mass Radiography Unit worked in the Borough and a report on the work done is on Pages 31 and 32.

I am,

Yours faithfully,

CARRICK GORDON PAYTON,
Medical Officer of Health.

July, 1946.

SECTION A.
STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	6,720
Estimated civilian population	46,650
Number of Inhabited Houses (end of 1945)	16,385
Rateable Value	£333,352
Product of a penny rate	£1,260

Number of Live Births :-

	Male.	Female.	Total.
Legitimate	406	353	759
Illegitimate	39	50	89
	<hr/>	<hr/>	<hr/>
Total	445	403	848
	<hr/>	<hr/>	<hr/>

Number of Still Births :-

Legitimate	12	13	25
Illegitimate	—	2	2
	<hr/>	<hr/>	<hr/>
Total	12	15	27
	<hr/>	<hr/>	<hr/>

Total Number of Births, Live and Still :-

Legitimate	418	366	784
Illegitimate	39	52	91
	<hr/>	<hr/>	<hr/>
Total	457	418	875
	<hr/>	<hr/>	<hr/>

Deaths	364	363	727
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Deaths from :-

Puerperal Sepsis	—
Other puerperal causes	—
All puerperal causes	—
Typhoid and Para-typhoid Fevers	—
Measles	2
Scarlet Fever	—
Whooping Cough	2
Diphtheria	1
Influenza	6
Suicide	7
Road traffic accidents	4
Other violent causes	23
Cancer	104
Diarrhoea (under 2 years)	6
Deaths (under 1 year) :-	
Legitimate (M.16 F.15)	31
Illegitimate (M.7 F.3)	10
	<hr/>
Total	41
	<hr/>

Birth Rates and Death Rates, 1945.

	Dewsbury.	England & Wales.	126 County Boroughs & Great Towns.
Rate per 1,000 Population :			
Live Births	18.18	16.1	19.1
Still-births	0.58	0.46	0.58
Annual Death Rate per 1,000 Population :			
All causes	15.58	11.4	13.5
Typhoid & Para- typhoid fevers	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00
Whooping Cough	0.04	0.02	0.02
Diphtheria	0.02	0.02	0.02
Influenza	0.13	0.08	0.07
Smallpox	0.00	0.00	0.00
Measles	0.04	0.02	0.02
Rate per 1,000 total (live & still) births :			
Still-births	30.86	—	—
Rate per 1,000 Live Births :			
Diarrhoea & Enteritis (under 2 years)	7.07	5.6	7.8
Total deaths under one year	41	46	54
Maternal Mortality Rate per 1,000 Total Births :			
Puerperal Sepsis	Nil.	0.25	—
Other puerperal causes	Nil.	1.54	—
All puerperal causes	Nil.	1.79	—

COMPARATIVE RATES.

	Dewsbury 1945	Dewsbury 1944	England & Wales 1945
Birth Rate	18.18	20.87	16.1
Death Rate	15.58	14.11	11.4
Infant Mortality Rate	48.35	36.17	46.0
Maternal Mortality Rate	Nil.	1.8	1.79

Population.

1931 Census—54,303.

The Registrar General estimated the civilian population in 1945 to be 46,650, a decrease of 260 on the total for 1944.

The chief occupations in Dewsbury are the woollen trade, and its associated industries, workshops, the distributive trades, colliery work, and cleaning and dyeing.

Unemployment.

The following are the figures for the number of registered unemployed in Dewsbury in the first week of each quarter in 1945 :—

January, 1945	...	...	52
April, 1945	...	...	43
July, 1945	...	...	36
October, 1945	...	...	52

Birth Rate.

In 1945, the number of live births decreased by 131 from 979 to 848 giving a birth rate of 18.18 per 1,000 compared with the previous year's rate of 20.87.

The Birth Rate for England and Wales was 16.1 per 1,000 for 1945.

The Birth Rate and Maternal Mortality Rate for Dewsbury during the past ten years is as follows :—

Birth Rate			Maternal Mortality Rate.
1935	...	14.3	3.68
1936	...	14.8	2.4
1937	...	15.2	2.4
1938	...	14.2	3.83
1939	...	14.4	5.08
1940	...	14.9	6.31
1941	...	14.7	6.31
1942	...	17.3	1.14
1943	...	18.7	1.07
1944	...	20.8	1.8

Death Rate.

In 1945, the number of deaths was 727, an increase of 65 compared with the previous year, and the death rate was 15.58 per 1,000 compared with a death rate of 14.11 in 1944.

The Death Rate for England and Wales for 1945 was 11.4 per 1,000.

The following Table gives an Analysis of the Causes of Death :
CAUSES OF DEATH, 1945.

	M.	F.
1 Typhoid Fever, etc.	—	—
2 Cerebro Spinal Fever	—	—
3 Scarlet Fever	—	—
4 Whooping Cough	1	1
5 Diphtheria	1	—
6 Respiratory Tuberculosis	8	12
7 Other forms of Tuberculosis	5	3
8 Syphilitic Diseases	4	2
9 Influenza	3	3
10 Measles	1	1
11 Ac. Poliomyelitis and Polioencephalitis	—	—
12 Ac. Inf. Encephalitis	—	—
13 Cancer of buc : cav. and aesoph (M) ; utcrus (F)	5	9
14 Cancer of stomach and duodenum	12	9
15 Cancer of breast	—	9
16 Cancer of all other sites	34	26
17 Diabetes	1	5
18 Intra-cranial vascular lesions	40	52
19 Heart Disease	109	98
20 Other diseases of circulatory system	15	12
21 Bronchitis	20	26
22 Pneumonia	16	16
23 Other respiratory diseases	4	1
24 Ulcer of stomach or duodenum	3	—
25 Diarrhoea (under 2 years)	2	4
26 Appendicitis	1	1
27 Other Digestive diseases	5	7
28 Nephritis... ..	15	13
29 Puerperal and Post-abortion Sepsis	—	—
30 Other Maternal causes	—	—
31 Premature Birth	3	2
32 Congenital Malformation, birth injury, infantile diseases	7	5
33 Suicide	4	3
34 Road Traffic Accidents	4	—
35 Other Violent causes	17	6
36 All other causes	24	37
Total ...	364	363

Maternal Mortality.

	Actual Deaths	Rate per 1,000 Total (live and still births)	Rate per 1,000 (live and still births) England and Wales.
Puerperal Sepsis	Nil.	Nil.	0.25
Other Puerperal Causes	Nil.	Nil.	1.54
Total ...	Nil.	Nil.	1.79

Infantile Mortality.

Actual.						M.	F.	Total
Legitimate	...	...	...	...	...	16	15	31
Illegitimate	...	...	...	...	...	7	3	10
						<u>23</u>	<u>18</u>	<u>41</u>

Rates.

Legitimate infants per 1,000 legitimate Live Births	...	40.84
Illegitimate infants per 1,000 illegitimate Live Births	...	112.36
All infants per 1,000 Live Births	...	48.35
England and Wales	...	46.00

SECTION B.**GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.****1. (i) Public Health Officers.**

Particulars of the Public Health Officers, together with information as to their qualifications, are set out on pages 5 and 6.

(ii) (a) Laboratory Facilities.

Bacteriological work is carried out at the Public Health Department Laboratory, Municipal Buildings, and at the West Riding County Council's Laboratory, Wakefield. Details of the work are shown in the following Tables :—

Specimens Examined at Dewsbury Bacteriological Laboratory during 1945.

	Swabs	Sputa	Other Examin- ations	TOTAL
Private Practitioners ...	131	22	2	155
General Infirmary ...	—	—	—	—
School Clinic ...	91	—	—	91
Whitley Sanatorium ...	—	167	3	170
Tuberculosis Dispensary ...	—	81	—	81
Mitchell Laithes Isolation Hospital ...	1270	—	4	1274
Others ...	20	8	1	29
TOTAL ...	1512	278	10	1800

**Specimens Examined at West Riding County Council Laboratory
during 1945 for the Dewsbury Health Department.**

Urines for Pregnancy Test	...	...	...	...	31
Sputa for Tubercle Bacilli	...	...	...	...	16
Swabs for B. Diphtheriae	...	...	...	...	128
Urines for Faeces for B. Typhosus	...	...	...	...	132
Urines and Faeces for B. Paratyphosus A. & B.	...	...	...	...	132
Fluid for Bacteriological Examination	...	...	...	...	1
Swabs for Organisms	...	...	...	...	4
Cerebro Spinal Fluid for Bacteriological Examination	...	...	...	...	10
Blood Urea Estimations	...	...	...	...	16
Urines for Tubercle Bacilli and General Examination	...	...	...	...	4
Cytological Examinations	...	...	...	...	10
Samples of Milk for Tubercle Bacilli	...	...	...	...	11
Samples of Milk for Bacterial Content	...	...	...	...	290
Samples of Milk for Phosphatase Test	...	...	...	...	77
Samples of Water for Bacteriological Examination	...	...	...	...	52
Blood Sera for B. Typhosus and B. Paratyphosus A.	...	...	...	...	4
Samples of Ice Cream for Bacteriological Examination	...	...	...	...	40
Penicillin Resistance Test	...	...	...	...	1
Pencicillin Sensitivity Test	...	...	...	...	1
Cerebro Spinal Fluid for Chlorides Test	...	...	...	...	5
Blood Sugar Estimations	...	...	...	...	3
Samples of Ice Cream, Flour, Dried Milk and Sugar for Pathogenic Organs	...	...	...	...	16
Tissue for Histological Examination	...	...	...	...	1
Blood Plasma Estimations	...	...	...	...	1
Urine for Glueral Examinations	...	...	...	...	1
Swab for B. Anthracis	...	...	...	...	1
Examination for Detection of Gonococci	...	...	...	...	455
Blood for Wassermann Reaction	...	...	...	...	422
Gonococcal Complement Fixation Test	...	...	...	...	81
Lange Colloidal Gold Sol Test	...	...	...	...	8
Other Examinations	...	...	...	...	53
Total	...	...	...	...	2007

Swabs for Diphtheria examined at the Public Health Laboratory during each month of 1945.

Month	Private Pract.	Dewsbury G. Infirm.	School Clinic	Whitley Sanat'm.	T.B. Dispensary	Isolation Hospital	Others	Total
January	2	—	1	—	—	6	1	10
February	9	—	6	—	—	155	2	172
March	10	—	8	—	—	102	3	123
April	13	—	6	—	—	50	—	69
May	9	—	17	—	—	96	3	125
June	11	—	20	—	—	178	—	209
July	15	—	15	—	—	91	—	121
August	19	—	1	—	—	56	—	76
September	14	—	3	—	—	107	3	127
October	9	—	5	—	—	160	5	179
November	9	—	1	—	—	101	—	111
December	11	—	8	—	—	168	3	190
Totals	131	—	91	—	—	1270	20	1512

DIPHtheria Swabs.— DIPHtheria Cases.—

1943	...	...	1754	1943	...	69
1944	...	...	2320	1944	...	75
1945	...	...	1512	1945	...	58

(b) Ambulance Facilities.**(a) Infectious cases—**

The Dewsbury Joint Hospital Board provides 2 ambulances.

(b) Non-infectious and accident cases—

Three motor ambulances are in use, one provided by the St. John Ambulance Brigade, stationed at Ravensthorpe, and 2 by the Dewsbury Corporation, stationed at the Central Police Station.

(c) Nursing in the Home.

(a) The County Borough has made no arrangements for the home nursing of cases of infectious diseases.

(b) The Dewsbury Nursing Association, of which Mrs. M. G. Kendall is the Honorary Secretary, provides effectively for the home nursing needs of the town, and in cases of necessity makes no charge. Nurses in the service of the Association paid 24,733 visits to 930 individual patients in 1945. District collections constituted over 70% of the Association's Income.

Although the Association works independently of the Local Authority, the Mayor of Dewsbury is President of the Association, and the Medical Officer of Health is Chairman of its Executive Committee.

(d) TREATMENT CENTRES AND CLINICS.

The following is a list of Treatment Centres and Clinics in the Borough :—

	Place	Time
Child Welfare	Ravensthorpe Council Offices Health Dept., Municipal Buildings, Halifax Rd. } Thornhill Council Offices Earlsheaton Council Offices Moorlands Maternity Home	Friday, 2 p.m. Wednesday, 2 p.m. Saturday, 10 a.m. Thursday, 2 p.m. Tuesday, 2 p.m. Monday, 10-30 a.m. Monday, 2 p.m. Tuesday, 2 p.m. Thursday, 2 p.m.
Ante and Post-Natal Clinics		
CLINICS—		
Minor Ailments	School Clinic, Halifax Road	Daily
Special Inspection	do.	By appointment
Dental	do.	Daily
Dental	Ravensthorpe Council Offices	Daily
Diphtheria		
Immunization*	School Clinic, Halifax Road	By appointment
Tuberculosis	Northfields House, Bath St.	Monday, 6 p.m. Friday, 2 p.m.
Venereal Diseases	Dewsbury General Infirmary	Daily Medical Officer attends Mon- day, 2 p.m. Thursday, 7 p.m.
Orthopaedic Clinic	Dewsbury General Infirmary	3 p.m. second Tues- day in the month
Consultant Ophthalmic Clinic	School Clinic, Halifax Road	Every other week by appointment

*Immunization is also provided free at the Child Welfare Centres.

2. (i) **Administration of Institutional Services.**

(a) **DEWSBURY AND DISTRICT GENERAL INFIRMARY.**

This is a Voluntary Hospital which normally contains 100 beds. It is classed as a Grade IA Hospital under the Ministry of Health's Emergency Hospital Scheme, and in a grave emergency could accommodate 180 patients.

(b) **STAINCLIFFE COUNTY HOSPITAL.**

This Hospital is administered by the West Riding County Council and is classed as Grade IA in the Ministry of Health's Emergency Hospital Scheme. Normally it contains 349 beds, but in an emergency a much larger number of patients could be admitted.

During the year 7 Maternity patients from the Dewsbury area were admitted.

(c) **MITCHELL LAITHES INFECTIOUS DISEASES HOSPITAL.**

This Hospital contains 102 beds, is controlled by the Dewsbury Joint Hospital Board, and the Medical Services are provided by the Medical Staff of the Public Health Service.

(d) **WHITLEY SANATORIUM.**

This Institution contains 32 beds. During the year 19 patients were admitted and 31 discharged.

(e) **MOORLANDS MATERNITY HOME.**

This Institution contains 27 beds and has been filled to capacity during the year.

An Assistant Medical Officer is resident.

A Consultant Obstetrician attends weekly and is called at other times for emergencies.

This Home is approved by Central Midwives Board for training in Part VI of the Board's Regulation.

(ii) **Poor Law Medical Out-Relief.**

This work is carried out by the Social Welfare Department.

(iii) **Care of Mental Defectives.**

A total of 109 Defectives were cared for as follows :—

(a) **IN INSTITUTIONS :—**

57 at St. Catherine's Institution, Doncaster.

(3 are on Licence Leave).

1 at Monckton Hall, Jarrow.

2 at Rampton State Institution.

(b) **UNDER GUARDIANSHIP.**

17 under Guardianship (14 with relatives).

(c) **UNDER STATUTORY SUPERVISION.**

32 (24 males, 8 females)

3. MATERNITY AND CHILD WELFARE.

(i) Midwifery Service.—Domiciliary Midwifery.

The four Municipal Midwives attended 289 cases during the year. Further particulars are as follows :—

No. of Cases making application	284
No. of Cases booked	284
No. sent to Hospital	16

The Midwives are under the direct supervision of the Matron of the Moorlands Maternity Home.

(ii) MATERNITY SERVICES.

Ante-Natal Clinics.

Four Clinics are held weekly at the Moorlands Maternity Home.

The number of women who attended these Clinics during the year was 1,148.

Post-Natal Clinic.

This Clinic is held in conjunction with the Ante-Natal Clinic. During the year 61 patients attended.

It is hoped to develop a separate Post-Natal Clinic in due course.

Birth Control Clinic.

This Clinic is run in connection with the Ante-Natal Clinics. During the year 1 patient attended making 17 visits for advice.

Infant Welfare Centres.

Attendances at Infant Welfare Centres were as follows :—

	Dewsbury		Thornhill		Earls-heaton		Ravens-thorpe		Total	
	1944	1945	1944	1945	1944	1945	1944	1945	1944	1945
Clinic Attendances...	7796	5721	5599	4093	6024	3848	5048	4161	24467	17823
Primary Attendances...	262	254	186	152	224	158	206	154	878	718
Cases seen by Medical Officer	650	446	485	405	606	481	632	694	2373	2026

The amount of Milk Foods distributed at these Centres was 27,510 lbs. The total cost was £2,123. Parents paid £2,598 5s. 8d.

Vitamins.

Fruit Juices and Cod Liver Oil are distributed through the Child Welfare Clinics in accordance with the Ministry of Health Circular dated 14th March, 1942.

No free issues are now available, but mothers may obtain it as follows :—

Cod Liver Oil	...	...	...	10d. per bottle.
Orange Juice	...	...	...	5d. per bottle.

(iii) INSTITUTIONAL PROVISION FOR MOTHERS AND CHILDREN.

The work of the Moorlands Maternity Home is shown in the following Tables :—

Work of Moorlands Maternity Home in 1945.

Number of beds up to 31st December, 1945	...	...	29
Number of mothers confined	...	...	675
Average duration of stay (in days)	...	...	14
No. of cases delivered by (a) midwives	...	...	617
(b) doctors	...	...	51
No. of cases in which medical assistance sought by midwives in emergency (all cases are attended by Resident Medical Officer)	...	...	—
No. of cases of Puerperal Fever	...	...	—
No. of cases of Puerperal Pyrexia	...	...	—
No. of cases of Pemphigus Neonatorum	...	...	—
No. of cases of Ophthalmia Neonatorum	...	...	—
No. of infants not entirely breast fed	...	...	100
No. of maternal deaths	...	...	—
No. of infant deaths (a) stillborn	...	...	23
(b) within 10 days of birth	...	...	11

Work of Moorlands Maternity Home, 1927-1945.

	No. of Births in Maternity Home	No. of Births in Dewsbury	Proportion of Dewsbury Births occurring in Maternity Home
1927 ...	178	870	20.0%
1928 ...	192	860	22.0%
1929 ...	198	813	24.3%
1930 ...	236	872	27.0%
1931 ...	245	743	33.0%
1932 ...	260	790	33.0%
1933 ...	277	812	34.1%
1934 ...	295	776	38.0%
1935 ...	303	815	37.2%
1936 ...	291	833	34.9%
1937 ...	299	841	35.3%
1938 ...	299	753	39.7%
1939 ...	290	795	36.4%
1940 ...	501	787	63.7%
1941 ...	605	775	78.1%
1942 ...	756	848	89.0%
1943 ...	748	891	83.9%
1944 ...	830	987	84.1%
1945 ...	546	835	65.3%

(iv) **WAR-TIME DAY NURSERIES.**

There are four War-time Day Nurseries in the Borough :

- (a) Eightlands Day Nursery, Eightlands Road, Dewsbury.
- (b) Ravensthorpe Day Nursery, Hebble Street, Ravensthorpe.
- (c) Thornhill Lees Day Nursery, Headfield Road, Savile Town, Dewsbury.
- (d) Earlsheaton Day Nursery, Wakefield Road, Dewsbury.

Generally, the health of a child benefits by attendance at a nursery, and training in elementary hygiene is carried back to the home.

Attendances during the Year 1945.

	Under 2 years	2 to 5 years	Total
Ravensthorpe Day Nursery	2198	4023	6221
Eightlands Day Nursery	2520	5162	7682
Earlsheaton Day Nursery	3574	4029	7603
Thornhill Lees Day Nursery	3081	3271	6352
Totals	11373	16485	27858

(v) **HEALTH VISITORS.**

The four Health Visitors paid 260 visits to expectant and nursing mothers, 4,851 visits to children under one year of age ; and 9,993 visits to children between one and five years of age ; making a total of 15,104 visits.

TOTAL VISITS IN WARDS.

	Trinity North and South Wards.	Thornhill North and South Wards.	Earlsheaton and All Saints' Wards.	Ravensthorpe and St. John's E. & W. Wards.	TOTALS.
Births, 1st Visits	164	183	212	263	822
Births, Re-visits under one year	923	988	1011	1107	4029
Ante-Natal Visits	74	77	58	51	260
Visits to Children 1—5 years.	2882	2499	2406	2206	9993
	4043	3747	3687	3627	15104

SPECIAL VISITS IN WARDS.

Still Birth Visits ...	3	7	2	15	27
Ophthalmic Visits	1	—	—	—	1
	4	7	2	15	28

(vi) **Child-Life Protection.**

The Health Visitors act as Child-Life Protection Visitors, and at the end of the year two persons were receiving 9 children.

	Trinity North and South Wards.	Thornhill North and South Wards.	Earlsheaton and All Saints' Wards.	Ravensthorpe and St. John's E. & W. Wards.	TOTAL.
Child Life Protection Visits ...	—	—	67	13	80

(vii) **PREMATURE BABIES BORN IN THE COUNTY
BOROUGH OF DEWSBURY DURING 1945.**

(a) The total number of premature babies notified who were born :

(i) at home ...	...	...	...	...	12
(ii) in hospital ...	...	...	...	...	14

(b) The number of those born at home :

(i) who were nursed entirely at home ...	9
(ii) who died during the first 24 hours ...	3
(iii) who survived at the end of one month ...	9

(c) The number of those born in hospital :

(i) who died during the first 24 hours ...	5
(ii) who survived at the end of one month	8

(The above information was requested by the Ministry of Health in their Circular 28/46 of 11th February, 1946, para 2).

(viii) **ILLEGITIMATE CHILDREN.**

The mothers of illegitimate children are visited by the Health Visitors, who take a special interest in the care of these babies, and they also advise the mothers with regard to establishing paternity, with a view to receiving the necessary payment, etc.

The mothers and the children are cared for in the same manner as those more fortunate ; they are able to take advantage of the facilities offered by the Infant Welfare Clinics and Day Nurseries in this Borough, and every endeavour is made to ensure the satisfactory upbringing of these children.

(The above information was requested by the Ministry of Health in their Circular 28/46 of 11th February, 1946, para. 2)

(ix) **PROMOTION OF CLEANLINESS AND GOOD HABITS, AND THE ELIMINATION OF VERMINOUS CONDITIONS.**

In the course of their duties, the four Health Visitors employed by this Department, carry out the suggestions made in Circular 2831 and Memo. 230/Med. issued by the Ministry of Health, with regard to the control of Head Lice, and the promotion of cleanliness and good habits.

Cases of uncleanness are dealt with at the Cleansing Station attached to the Municipal Buildings, Halifax Road, Dewsbury, where a nurse is employed for the special treatment of these people.

During the year, 146 cases of Scabies have been treated.

(x) **ARRANGEMENTS FOR DENTAL, ORTHOPAEDIC ETC., CASES.**

Dental Treatment.

Dental Treatment is carried out by the School Dental Surgeon at the School Clinic, by arrangement with the Education Committee.

During the year 78 mothers received treatment, of whom 30 were provided with dentures.

(xi) **ORTHOPAEDIC TREATMENT.**

During the year 26 children suffering from Orthopaedic Defects were referred to the Dewsbury and District General Infirmary from the Infant Welfare Centres.

4. **NURSING HOMES.**

There are none registered or known to exist in the County Borough of Dewsbury.

5. **BLIND PERSONS.**

The number of blind persons on the Register on December 31st, 1945, was 138 ; 65 males, 73 females, as shown in the following table :—

Ages	Males	Females	Total
Under 5	—	—	—
5 to 15	2	2	4
15 to 20	1	—	1
20 to 30	3	1	4
30 to 40	7	3	10
40 to 50	5	6	11
50 to 60	9	12	21
60 to 70	16	15	31
Over 70	22	34	56
Totals	65	73	138

SECTION C.
SANITARY CIRCUMSTANCES OF THE AREA.
WATER.

The area of the County Borough of Dewsbury is supplied with water received in bulk from THREE sources :—

1. The Works of the Dewsbury and Heckmondwike Waterworks Board.
2. The Corporation of Bradford.
3. The Corporation of Halifax.

The Dewsbury Corporation are responsible for the distribution of all water received, but are not directly responsible for producing or treating any of it.

They are, however, indirectly responsible in this way for the first named supply, being in fact, the larger partner of the Board.

The supplies from all three sources are derived from Gathering Grounds situated in the Pennines, and are collected and stored in large impounding reservoirs.

The first named is treated by the addition of slaked lime and chlorine, but is not filtered.

The second and third are treated by their respective Authorities in the same filtration plants as used for their own supplies. Details of treatment are not available.

Part of the area is supplied from source 1 only, part from source 3 only, and the remainder from sources 1 and 2 mixed.

In 1945 the proportions of water from each source were:—

1	...	...	68.9%
2	...	...	17.6%
3	...	...	13.5%

The rate of consumption per person in 1945 was 24.1 gallons per day for domestic purposes including small trade users, and 22.1 gallons per day for measured trade supplies, giving a total of 46.2 gallons per day.

The following examinations were made during the year :—

Bacteriological Analyses.

Description	Highly Satisfactory	Satisfactory	Suspicious	Unsatisfactory	Total
Samples from Staincliffe Reservoir, analysed by P. L. Sutherland, County Hall, Wakefield ...	35	10	4	—	49
Samples analysed by the Analytical Services of the County Borough of Dewsbury ...	246	—	3	—	249
Totals ...	281	10	7	—	298

Chemical Analyses.

Carried out by Messrs. Richardson & Jaffe, Bradford.

Full Chemical	...	...	...	3
Partial Chemical (Sanitary)...	...	...	...	9
Total	...	...	...	<u>12</u>

All were satisfactory.

In addition to the above samples which were taken by the Water Engineer from special taps, during the year samples from consumers' taps have been taken from various places in the Borough.

A summary of Analyses by P. L. Sutherland, County Hall, Wakefield, is set out below :—

Highly Satisfactory	...	...	26
Satisfactory	...	...	6
Suspicious	...	...	3
Unsatisfactory	...	...	4
Total	...	...	<u>39</u>

Particulars required according to Ministry of Health Circular 28/46 of 11th February, 1946, paragraph 4, are as follows :—

The water supply to the County Borough area has been satisfactory both in quality and quantity.

The following is a summary of all samples taken for bacteriological examination by the Corporation Water Department and the Dewsbury and Heckmondwike Waterworks Board :—

Presumptive B. Coli per 100 m.l.	Number of Samples	
	Untreated or partially treated	From Distribution Systems as supplied to consumers
None	83	281
1	9	5
2	5	5
3	2	1
4	1	2
5	—	1
6	2	2
8	—	1
9	3	—
16	2	—
18+	1	—
TOTALS ...	108	298

Chemical Analyses were made on samples as follows:—

	Number of Samples	
	Untreated or partially treated	From Distribution System as supplied to consumers
10.1.45	2	3
12.4.45	2	3
16.7.45	2	3
9.10.45	2	3
TOTALS ...	8	12

The chemical analyses of the waters supplied to the consumers do not show the water to have any liability to plumbo solvent action and no samples are taken with a view to testing for presence of lead.

No contamination has taken place nor has any been suspected.

All the houses in the County Borough area are supplied direct with water from public water mains except about 13 scattered in general singly in the outlying areas.

There are no stand pipes.

DRAINAGE AND SEWERAGE.

The main Sewerage Works are situated at Mitchell Laithes, Earlsheaton. There is also a modern Sewerage Works at Ravensthorpe. Two small Works, one adjacent to Smithy Brook for Thornhill Edge, Briestfield, and Whitley, and one at Millbank deals with the Sewage from Thornhill.

RIVERS AND STREAMS.

The West Riding of Yorkshire Rivers Board is responsible for preventing pollution of the River Calder and its tributaries.

The River Calder and its tributaries receive along their entire length effluents from an almost unbroken chain of Sewage Works and Manufactories. The problem of preventing pollution is complicated owing to the small normal flow in proportion to the volume of effluents which is discharged into the river. At Kirkthorpe Weir, Wakefield, the dry water flow of the River Calder is only about 95 million gallons a day. Of this flow, one-third can easily be accounted for by effluents from Sewage Works. In addition, there are millions of gallons of trade effluents, so that the amount of used water in the river is at least 50%. If it were not for the compensation water from reservoirs there would be little clean dilution water reaching the river during droughts. The Board gives facilities to manufacturers, particularly in respect of new industries which give

rise to waste liquids requiring special treatment. The Board is of the opinion that the most efficient and economical means of dealing with trade effluents is by draining them into sewers for treatment at the Sewage Works of the local authorities.

SWIMMING BATHS AND POOL'S.

There are two Swimming Baths owned by the Corporation and situated in Wellington Road, Dewsbury.

In addition there is a Turkish Bath where general remedial treatment is given, also Zoto-Foam and Peat are given.

The water in the two swimming baths is sterilized and filtered through pumping plants, and 105,000 gallons of water pass through these plants every $3\frac{1}{4}$ hours. During the process the water is treated with Liquid Chlorine of 0.5 parts per 1,000,000, which ensures a sterilized Bath.

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

(1) **The Prevalence of Notifiable Infectious Diseases
(other than Tuberculosis.)**

Disease	Total cases Notified	Cases admitted to Hospital	Total Deaths
Smallpox	—	—	—
Scarlet Fever	92	88	—
Diphtheria	58	58	1
Enteric Fever (including Paratyphoid)	—	—	—
Puerperal Pyrexia	1	1	—
Pneumonia	16	14	3
Cerebro Spinal Fever	4	4	1
Erysipelas	7	1	—
Ophthalmia Neonatorum	3	3	—
Whooping Cough	109	4	—
Measles	657	8	—
Poliomyelitis	1	1	—
Gastro Enteritis... ..	8	8	1
Dysentery	21	21	—
Total ...	977	211	6

Notifiable Diseases other than Tuberculosis.. Showing Age Groups.

Disease,	AGES.											Total No. of Cases
	Under 1 year	1 to 2 years	2 to 3 years	3 to 4 years	4 to 5 years	5 to 10 years	10 to 15 years	15 to 20 years	20 to 35 years	35 to 45 years	45 to 65 years		65 and upwards
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	—	2	9	6	7	42	12	6	4	2	2	—
Diphtheria	1	1	4	1	1	23	9	7	10	1	—	—
Enteric Fever (inc. Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	—	—	—	—	—	—	—	1	—	—	—	—
Pneumonia	4	4	—	1	—	5	—	—	2	—	—	—
Cerebro Spinal Fever	—	—	—	—	—	—	1	1	2	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	—	1	1	5
Ophthalmia Neonatorum	3	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough	12	19	15	17	10	34	1	—	—	1	—	—
Measles	39	75	117	103	79	226	13	3	1	1	—	—
Poliomyelitis	—	—	—	—	1	—	—	—	—	—	—	—
Gastro Enteritis	4	1	—	1	—	—	—	—	—	—	2	—
Dysentery	2	1	—	2	1	2	2	3	6	1	1	—
Totals	65	103	145	131	99	332	38	21	25	7	6	5
												977

Details of the Notification of Infectious Diseases other than Tuberculosis during the twelve months of the year 1945.

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	5	6	7	5	6	17	7	2	10	4	10	13	92
Diphtheria	4	5	5	5	4	9	6	3	5	5	3	4	58
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	1	—	—	—	—	—	—	1
Pneumonia	3	5	4	1	2	—	1	—	—	—	—	—	16
Cerebro Spinal Fever	—	—	2	—	—	—	—	—	—	1	—	1	4
Erysipelas... ..	—	—	1	—	1	2	1	—	1	1	—	—	7
Ophthalmia Neonatorum	2	—	—	—	—	—	—	—	—	—	—	1	3
Whooping Cough... ..	6	24	19	3	4	4	1	5	20	7	3	13	109
Measles	45	313	249	28	10	1	3	—	2	1	1	4	657
Polio myelitis	—	—	1	—	—	—	—	—	—	—	—	—	1
Gastro Enteritis	—	—	1	2	—	1	—	—	—	1	2	1	8
Dysentery... ..	—	1	5	—	—	4	1	3	1	—	2	4	21
Totals	65	354	294	44	27	39	20	13	39	20	21	41	977

Diphtheria.

58 Cases were notified as against 75 in 1944. There was one death from this disease. There were no deaths among children who had been immunized.

All of the cases were removed to the Isolation Hospital.

Diphtheria Immunization.

The total number of children immunized during the year was 615; of these 401 were between 0 and 5 years, and 214 between 5 and 15 years.

It is estimated that the number of children in the Borough immunized is 25.6% of those between 0 and 5 years, and 75.2% of those between 5 and 15 years.

The number of immunizations carried out during the last 12 years are as follows:—

1934	...	...	...	...	...	310
1935	...	...	...	...	...	77
1936	...	...	...	...	...	10
1937	...	...	...	...	...	76
1938	...	...	...	...	...	26
1939	...	...	...	...	...	19
1940	...	...	...	...	...	1680
1941	...	...	...	...	...	1865
1942	...	...	...	...	...	1350
1943	...	...	...	...	...	1675
1944	...	...	...	...	...	751
1945	...	...	...	...	...	615

Analysis of Cases Notified as Diphtheria.

Clinical Cases	Non-Clinical Cases Carriers, etc.	Wrongly Diagnosed as Diphtheria	Total
34	7	17	58

Of the 34 Clinical Cases 12 gave a history of immunization, but it has only been possible to confirm the record of immunization in 6 of these cases. A careful search through the clinical records of these 6 cases, elicits the fact that all were very mild infections.

Diphtheria Immunization, 1945.

Illustrating the progress of the Immunization Scheme since 1940. Number of persons, in Age Groups, having had Full Course of Injections.

	1940	1941	1942	1943	1944	1945	Total at end of 1945
Under 1 yr.	4	6	10	13	3	14	Under 5 yrs. 1136
1 year	37	126	121	150	161	196	
2 years	48	173	123	136	68	130	
3 "	53	124	130	125	67	47	
4 "	51	105	197	143	51	14	
5 "	107	84	153	136	58	40	5 to 10 yrs. 2607
6 "	116	108	121	151	49	42	
7 "	187	190	102	118	38	37	
8 "	148	172	84	149	48	29	
9 "	138	183	83	194	43	13	
10 "	220	171	83	165	46	18	10 to 15 yrs. 2799
11 "	189	108	53	62	29	11	
12 "	205	202	45	62	34	14	
13 "	118	66	31	46	38	6	
14 "	26	35	10	21	13	3	
15 " & over	33	12	4	4	5	1	15 & Over 1394
TOTALS 1940—1945	1680	1865	1350	1675	751	615	

2.

CANCER.

No. of Deaths from Cancer during 1945 ... 104
 Rate per 1,000 ... 2.2
 " " England and Wales (not available)

Deaths from Cancer in Age Periods :—

	M.	F.	Total
Under 15 years	—	—	—
15 to 45 years	4	4	8
45 to 65 years	22	25	47
Over 65 years	25	24	49
	51	53	104

Treatment.

Cases requiring X-Ray, Therapy or Radium Treatment are transferred from local Hospitals to the Leeds General Infirmary.

3. TUBERCULOSIS.

Total Number of Cases notified under Tuberculosis Regulations (1930) at the end of 1945.

	M.	F.	Total
Pulmonary Tuberculosis	96	63	159
Non-Pulmonary Tuberculosis	41	50	91
	137	113	250

Summary in Age Groups.

Age	Pulmonary			Non-Pulmonary		
	M.	F.	Total	M.	F.	Total
0—5	2	—	2	7	7	14
5—15... ..	3	6	9	17	21	38
15—25... ..	18	29	47	4	10	14
25—35... ..	21	17	38	6	6	12
35—45... ..	25	4	29	4	3	7
45—55... ..	18	4	22	2	2	4
55—65... ..	7	3	10	1	1	2
65 upwards ...	2	—	2	—	—	—
Totals	96	63	159	41	50	91

Tuberculosis. New Cases and Mortality during 1945.

Age Periods	New Cases.					Deaths				
	Respiratory		Non-Respiratory		Total	Respiratory		Non-Respiratory		Total
	M.	F.	M.	F.		M.	F.	M.	F.	
0—	—	—	—	—	—	—	—	3	—	3
1—	2	—	—	—	2	1	—	—	1	2
5—	—	—	4	9	13	—	—	—	—	—
15—	1	9	—	3	13	—	4	—	—	4
25—	3	5	1	—	9	—	4	1	—	5
35—	5	2	1	—	8	4	2	1	—	7
45—	1	1	—	—	2	2	1	—	1	4
55—	—	—	—	—	—	—	1	—	—	1
65 upwards	—	—	—	—	—	1	—	—	1	2
Totals	12	17	6	12	47	8	12	5	3	28

Mortality 0.6 per 1,000 of population.

„ England and Wales—not available.

Whitley Sanatorium (32 beds).

Patients in Hospital at beginning of year	...	...	22
Patients admitted during the year	...	...	19
Patients discharged	...	...	31
Patients died	...	...	5
Patients in Hospital at end of year	...	...	5

Owing to lack of Nursing Staff, the Sanatorium has not been occupied to capacity.

Chest Clinic.

New Cases 97. Contacts 38. Old Cases 727.
Total Attendances 862.

Home Visits.

	New Cases	Old Cases	Total
Medical Officer	7	—	7
Nurse	34	1630	1664
	41	1630	1671

Maintenance Allowances under Memorandum 266/T.

During the year some 27 cases received allowances, amounting in all to approximately £498 0s. 9d. for the year.

(Only cases of Pulmonary Tuberculosis are eligible and chronic cases cannot benefit).

MASS MINIATURE RADIOGRAPHY.

A Mass Miniature Radiography Unit worked in the Municipal Buildings, Halifax Road, Dewsbury, from the 27th August, to the 20th September, 1945, and the following table gives an analysis of the 4,042 persons examined.

Date	No. of Minia- tures taken	Recalls and Large Films	Clinical Examinations	Active Tuberculous cases	Suspected Tuberculous cases for observation	Action not required	Non-Tuberculous cases referred to Doctor
Week Comm.							
27th Aug.	1028	52					
3rd Sept.	1120	77					
10th Sept.	1894	112					
TOTALS	4042	241	155	8	20	162	43

It will be noted that 8 persons were found to have active Tuberculosis, and this number is below the average for the country (3.5 per 1,000). An analysis of these 8 cases show that :—

- 2 came from other districts and have been referred to their respective Medical Officers ;
- 2 were cases already known to the Tuberculosis Department ;
- 1 case was admitted to the Sanatorium ;
- 2 cases are awaiting admission to the Sanatorium ;
- 1 case has not yet attended the Chest Clinic.

The 20 cases noted for observation are being invited to attend at the Chest Clinic, except 4 which are outside the Borough and have been referred to their respective Medical Officers

VENEREAL DISEASES.

Treatment of this disease is carried out at the Dewsbury General Infirmary on behalf of the Dewsbury Corporation in conjunction with the West Riding County Council.

Particulars of the treatment and the number of cases, are given in the following table :—

RETURN RELATING TO ALL PERSONS WHO WERE TREATED AT THE TREATMENT CENTRE AT DEWSBURY DURING THE YEAR ENDED THE 31ST DECEMBER, 1945.

	Syphilis		Soft Chancre		Gonorrhoea		Conditions other than Venereal		TOTAL	
	M	F	M	F	M	F	M	F	M	F
1. Number of cases on 1st January under treatment or observation	70	72	...	...	15	34	4	10	89	116
2. Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection ... ..	...	...	...	...	2	...	...	...	2	...
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) suffering from :—										
Syphilis, primary... ..	4	4	...	...	...	...	...	...	4	4
" secondary	5	11	...	...	...	...	...	...	5	11
" latent in 1st year of infection ... ..	...	1	...	...	...	...	...	...	...	1
" all later stages	5	4	...	...	...	...	...	...	5	4
" congenital	2	5	...	...	...	...	...	...	2	5
Soft Chancre ... ..	...	...	...	...	...	...	...	...	...	...
Gonorrhoea, 1st year of infection ... ..	...	...	...	...	69	41	...	...	69	41
Gonorrhoea, later ... ..	...	...	...	...	...	...	...	...	...	...
Conditions other than venereal ... ..	...	...	...	...	...	...	58	50	58	50
4. Number of cases dealt with for the first time during the year under report known to have received treatment at other Centres for the same infection	8	5	...	...	15	2	2	...	25	7
TOTALS OF ITEMS 1, 2, 3 and 4	94	102	...	...	101	77	64	60	259	239

		Syphilis		Soft Chancres		Gonorrhoea		Conditions other than Venereal		TOTAL	
		M	F	M	F	M	F	M	F	M	F
5	Number of cases discharged after completion of treatment and final tests of cure or after diagnosis as non-venereal	7	6	...	...	25	34	55	43	87	83
6.	(a) Number of cases which ceased to attend before completion of treatment and were, on first attendance, suffering from:—										
	Syphilis, primary... ..	1	1	...	...	...	...	...	...	1	1
	" secondary	6	4	...	...	...	...	...	...	6	4
	" latent in 1st year of infection ... ..	...	1	...	...	...	...	...	...	...	1
	" all later stages	5	7	...	...	...	...	...	...	5	7
	" congenital	1	6	...	...	...	...	...	...	1	6
	Soft Chancres ... ..	...	...	...	...	...	...	...	...	...	...
	Gonorrhoea, 1st year of infection ... ..	...	...	...	...	6	5	...	...	6	5
	Gonorrhoea, later ... ..	...	...	...	...	...	...	...	...	...	..
6.	(b) Number of cases under treatment or observation which died:—										
	From the disease ... ..	...	...	...	...	...	...	...	...	...	...
	From treatment ... ..	...	...	...	...	...	...	...	...	...	...
	From other causes	1	1	...	...	...	...	...	...	1	1
7.	Number of cases which ceased to attend after completion of treatment but before final tests of cure	1	2	...	...	9	8	...	...	10	10
8.	Number of cases transferred to other centres or to institutions, or to care of private practitioners	10	8	...	...	15	3	2	2	27	13
9.	Number of cases remaining under treatment or observation on 31st December	62	66	...	...	46	27	7	15	115	108
TOTALS OF ITEMS 5, 6, 7, 8 and 9		94	102	...	...	101	77	64	60	259	239
10.	Number of attendances:—										
	(a) for individual attention of the medical officers	712	886	...	...	491	557	160	293	1363	1736
	(b) for intermediate treatment, e.g., irrigation, dressing	85	160	...	...	753	1237	126	424	964	1821
TOTAL ATTENDANCES		797	1046	...	...	1244	1794	286	717	2327	3557
11.	In-patients:—										
	(a) Total number of persons admitted for treatment during the year	2	1	...	...	...	...	...	...	2	1
	(b) Aggregate number of "in-patient days" of treatment given	39	8	...	...	...	...	...	...	39	8

	Under 1 year		1 and under 5 years		5 and under 15 years		15 years and over		Totals	
	M	F	M	F	M	F	M	F	M	F
12. Number of cases of congenital syphilis in Item 3 above classified according to age periods	1	2	4	2	5

	Microscopical		Cultural for Gonorrhoea	Serum Tests	
	For Syphilis	For Gonorrhoea		For Syphilis	For Gonorrhoea
13. Pathological Work :—					
(a) Number of specimens examined at and by the medical officer of the treatment centre ...	...	35	...	...	...
(b) Number of specimens from patients attending at the treatment centre sent for examination to to an approved laboratory	1	1005	2	530	311

STATEMENT SHOWING THE SERVICES RENDERED AT THE TREATMENT CENTRE DURING THE YEAR, CLASSIFIED ACCORDING TO THE AREAS IN WHICH THE PATIENTS RESIDED.

Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales) to be inserted in these headings.	Dewsbury	West Riding	Total
A. Number of cases in Item 3 from each area found to be suffering from :—			
Syphilis	19	22	41
Soft Chancre ... ..	...	...	...
Gonorrhoea	50	60	110
Conditions other than venereal	46	62	108
TOTAL	115	144	259
B. Total number of attendances of all patients residing in each area	2576	3308	5884

REPORT OF THE CHIEF SANITARY INSPECTOR.

on the work of the Sanitary Department for the year ending
31st December, 1945.

Mr. Chairman, Mrs. Hinchliffe, and Gentlemen,

I beg to submit my report on the work undertaken by the Sanitary Department in the year ending 31st December, 1945.

SANITARY INSPECTION OF THE DISTRICT.

Drainage.

All plans of new, additions, or alterations to buildings submitted for approval to the Housing and Town Planning Committee are examined in this Department regarding the proposed drainage.

All new drains and alterations to existing drains are examined and tested by means of the smoke test, and details of inspections and tests made during the year are given below :—

Length of 4 in. drain tested by smoke	...	...	...	...	7,365 ft.
Length of 6 in. drain tested by smoke	...	...	...	...	2,680 ft.
No. of inspections of drainage	...	...	...	...	176
" smoke tests—New drains	...	...	...	...	127
" smoke tests—Existing drains	...	...	...	...	16
" colour tests applied...	...	...	...	...	48
" drains reconstructed	...	...	...	...	1
" other tests	...	...	...	...	6

Sanitary Accommodation.

Closets.

No. of inspections of w.c. accommodation	...	...	...	...	588
" " " pails and privies	...	...	...	...	2
" trough closets	...	...	...	...	67
" additional w.c.'s provided	...	...	...	...	4

Ashbins :

No. of dustbins renewed	346
-------------------------	-----	-----	-----	-----	-----

Sanitary Inspection of the District.

During the year 1945 the following inspections were made by Sanitary Inspectors to the premises detailed :—

Nature of Inspection.	Primary Insp'n	Re-in- spection	Total Visits
Houses :			
Under Public Health Acts	985	2086	3071
" Housing Act (overcrowding)	40	4	44
" " " (Miscellaneous)	260	419	679
Re Ashes Accommodation	332	916	1248
Re Accumulations	46	45	91
Re Cellars Flooding	98	229	327
Re Vermin	102	149	251
Re Rats and Mice	192	630	822
Re Water Supply	24	12	36
Re Yards, Courts, &c.	22	5	27

Nature of Inspection.					Primary Insp'n	Re-in- spection	Total Visits
Visits to :							
Common Lodging Houses	...	...	...	...	1	3	4
Houses Let in Lodgings	...	...	...	...	16	—	16
Schools	...	...	...	...	23	13	36
Cinemas	...	...	...	...	13	4	17
Piggeries	...	...	...	...	58	—	58
Urinals	...	...	...	...	88	11	99
Street Gullies and Sewers	...	...	...	...	113	129	242
Re Drainage	...	...	...	...	176	—	176
Slaughterhouses	...	...	...	...	319	—	319
Markets...	...	...	...	...	158	—	158
Markets—Meat Stalls	...	...	...	...	315	—	315
Markets—Other Stalls	...	...	...	...	1212	—	1212
Meat Shops	...	...	...	...	221	3	224
Food Preparing Premises	...	...	...	...	180	21	201
Ice Cream Premises	...	...	...	...	50	—	50
General Food Premises	...	...	...	...	365	11	376
Fried Fish Shops	...	...	...	...	152	28	180
Bakehouses	...	...	...	...	112	13	125
Milkshops and Dairies	...	...	...	...	362	7	369
Cowsheds	...	...	...	...	382	7	389
Offensive Trades	...	...	...	...	48	3	51
Factories	...	...	...	...	106	62	168
Stable Premises	...	...	...	...	46	2	48
Air Raid Shelters	...	...	...	...	11	2	13
Cesspools	...	...	...	...	2	2	4
Animals and Birds	...	...	...	...	23	8	31
Refuse Tips	...	...	...	...	43	—	43
Re Pharmacy and Poisons	...	...	...	...	54	—	54
Shops Acts	...	...	...	...	230	103	333
Rent Restrictions Acts	...	...	...	...	5	5	10
Smoke Observations	...	...	...	...	138	—	138
" " (Premises visited)	...	...	...	...	14	18	32
Visits re Infectious Diseases	...	...	...	...	153	4	157
Miscellaneous	...	...	...	...	881	17	898
Visits re Closets—Water	...	...	...	...	588	—	588
Pails and Privies	...	...	...	...	2	—	2
Trough	...	...	...	...	67	—	67
Interviews (Owners, etc.)	...	...	...	...	982	—	982
Visits for Food and Drugs Sampling (Formal)	...	...	...	...	128	5	133
" " (Informal)	...	...	...	...	43	—	43
" Rag Flock Sampling	...	...	...	...	2	—	2
" Fertiliser and Feeding Stuffs	...	...	...	...	16	—	16
" Water Sampling	...	...	...	...	49	—	49

Complaints.

Number and nature of complaints received and investigated :—

Dampness	...	...	...	...	...	...	23
Vermin	...	...	...	...	...	...	56
Refuse Accommodation	...	...	...	...	...	...	39
Sanitary Accommodation :							
Water Closets	...	...	...	...	...	...	37
Cisterns	...	...	...	...	...	...	10
Water Closet drains	...	...	...	...	...	...	28
Overcrowding	...	...	...	...	...	...	17
Water Supply :							
Defective pipes	...	...	...	...	...	...	14
Miscellaneous	...	...	...	...	...	...	2
Washing Accommodation :							
Sinks	...	...	...	...	...	...	23
Sink Waste Pipes	...	...	...	...	...	...	16
Set Pots	...	...	...	...	...	...	8

Drainage	...	...	...	...	...	...	...	...	52
Water in Cellar	...	...	...	...	...	...	...	...	33
Miscellaneous	...	...	...	...	...	...	...	...	57
General :									
Roofs	...	...	...	...	...	...	...	...	31
Chimneys	...	...	...	...	...	...	...	...	9
Plasterwork	...	...	...	...	...	...	...	...	11
Subsidence	...	...	...	...	...	...	...	...	4
Woodwork	...	...	...	...	...	...	...	...	3
Eavesgutters	...	...	...	...	...	...	...	...	5
Fireplaces	...	...	...	...	...	...	...	...	20
Windows	...	...	...	...	...	...	...	...	9
Total								...	583

Nuisances.

No. of Nuisances found	...	...	...	...	...	...	...	1762
„ Nuisances remedied	...	...	...	...	...	...	...	1177

Action under Public Health Act.

Notices Served.		Notices Complied With.	
Formal.	Informal.	Formal.	Informal.
23	944	16	767

Action under Dewsbury Corporation Act, 1933 (£20)

Notices Served.	Notices Complied With.
43	42

Shops Acts, 1912-38.

No. of Inspections of Shops	...	...	...	...	...	...	230
„ Re-Inspections of Shops	...	...	...	...	...	...	103
„ Shops entered on Register (31st Dec., 1945)	...	...	...	...	...	...	606

Smoke Abatement.

The Council continued their membership of the West Riding of Yorkshire Regional Smoke Abatement Committee, Alderman H. Shaw being the representative of this Corporation until November, when Councillor Dransfield was appointed.

Number of Smoke Observations taken 138

The limit of black smoke allowable, prescribed in the Bye-laws is 3 minutes in the aggregate in the half-hour observation.

Meteorological Report, 1945.**OBSERVATIONS AT CROW NEST PARK.**

				Rainfall	Sunshine	
				inches	Hours	Minutes
January	...	...	...	3.10	16	—
February	...	...	...	2.44	41	30
March	...	...	...	.47	64	50
April	...	...	...	1.75	111	40
May	...	...	...	3.56	83	20
June	...	...	...	2.50	106	40
July	...	...	...	1.83	107	50
August	...	...	...	2.73	96	30
September	...	...	...	.94	58	25
October	...	...	...	3.86	52	20
November	...	...	...	.20	19	50
December	...	...	...	1.74	10	—
				25.12	768	55

Atmospheric Pollution
Record of Observation with Deposit Gauges for the Year 1945.

Month	Gauge Situate at Dewsbury (Municipal Buildings)		Gauge Situate at Savile Town (Gas Works)		Gauge Situate at Whitley		Gauge Situate at Ravensthorpe	
	M.	E.	M.	E.	M.	E.	M.	E.
January	896	22.85	*	*	*	*	848	21.60
February	626	15.98	593	15.11	244	6.22	637	16.21
March	277	7.08	†	†	358	9.11	494	12.59
April	795	20.23	†	†	364	9.27	627	15.99
May	1,046	26.68	†	†	654	16.66	466	11.90
June	738	18.83	†	†	538	13.71	1,560	39.77
July	432	11.02	†	†	504	12.84	551	14.04
August	1004	25.61	†	†	494	12.60	953	24.29
September	450	11.49	†	†	351	8.95	618	15.77
October	987	25.16	†	†	510	12.99	1,001	25.51
November	258	6.58	†	†	263	6.71	285	7.27
December	765	21.11	612	15.58	605	15.39	1,309	33.34
	8,274	212.62	1,205	30.69	4,885	124.45	9,349	238.28
	Average	per month 689	Average	per month 602	Average	per month 444	Average	per month 779
		17.72		15.34		11.31		19.86

* Bottle broken—contents lost.

† Gauge out of order.

Eradication of Bed Bugs.

No. of visits made by Sanitary Inspectors re Vermin	102
No. of re-inspections " " " " " " "	149
No. of articles disinfested	900
No. of houses disinfested	45

Disinfection after Infectious Diseases.

No. of visits to investigate cases of infectious disease	153
No. of re-inspections " " " " " " "	4
No. of houses disinfested after cases of infectious disease	149
No. of rooms " " " " " " "	164
No. of articles " " " " " " "	2,980
No. of library books " " " " " " "	167
No. of visits in connection with above	298

In all cases the bedding is collected by the Sanitary Department staff and steam disinfested.

Rag Flock Acts, 1911-28.

Two samples have been taken during the year at premises where Rag Flock is manufactured, with the following results :—

Sample	Chlorine as Soluble Chlorides.			
No.	Allowed.		Found.	
1 ...	30 parts per 100,000		16 parts per 100,000	
2 ...	" " " "		12 " " "	

Fertilisers and Feeding Stuffs Act.

No. of samples of Feeding Stuffs taken during year	4
No. of samples of Fertilisers taken during year ...	12

Pharmacy and Poisons Act.

No. of Registered Premises	51
No. of Inspections of Registered Premises	54

Offensive Trades.

No. of Inspections made	48
No. of re-Inspections made	3

Rats and Mice (Destruction) Act.

No. of Inspections of rat infested premises	192
No. of Re-Inspections " " " " " " "	630

Common Lodging Houses.

No. of Inspections made	1
No. of Re-Inspections made	3

Houses-Let-in-Lodgings.

No. of Inspections made	16
--------------------------------	----

Factories Act, 1937.

No. of primary inspections of Factories—Non-mechanical	3
—Mechanical	12
No. of routine inspections made	106
No. of re-inspections	62
	<hr/>
	183
	<hr/>

Schools.

No. of Inspections made	23
No. of Re-Inspections made	13

Housing Statistics.

Inspections of Dwelling-houses during the Year :—

(1) (a) Total number of dwelling-houses inspected for defects (under Public Health or Housing Acts)	985
(b) Number of inspections made for the purpose	3115
2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	Nil.
(b) Number of inspections made for the purpose	Nil.

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil.
--	------

(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	944
--	-----

2.—Remedy of Defects during the Year without service of formal Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	767
---	-----

3.—Action under Statutory Powers during the Year :—

(a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :	
--	--

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	Nil.
--	------

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
--	--

(a) By owners	Nil.
----------------------	------

(b) By Local Authority in default of owners	Nil.
--	------

(b) Proceedings under Public Health Acts :

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	23
--	----

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
--	--

(a) By owners	16
----------------------	----

(b) By Local Authority in default of owners	Nil.
--	------

(c) Proceedings under sections 11 and 13 of the Housing Act, 1936 :

(1) Number of dwelling-houses in respect of which Demolition Orders were made	Nil.
--	------

(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	10
(3)	Number of Houses for which undertakings were submitted and accepted by Council	Nil.
(4)	Number of Houses made fit on undertakings accepted by Council	Nil.
(d)	Proceedings under section 12 of the Housing Act, 1936 :	
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil.
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil.
	4.—Housing Act, 1936.—Overcrowding :—	
(a)	(1) Number of dwellings overcrowded at the end of the year	251
	(2) Number of families dwelling therein	262
	(3) Number of persons dwelling therein	1247
(b)	Number of new cases of overcrowding reported during the year	11
(c)	(1) Number of cases of overcrowding relieved during the year...	3
	(2) Number of persons concerned in such cases	16
(d)	Particulars of any cases in which dwellinghouses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	18
(e)	Temporary overcrowding Licences granted	Nil

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

No. of Retail Purveyors	190
„ Dairy Premises	75
„ Producers and Cowkeepers	50
„ Cowsheds	83
„ Inspections of Cowsheds	389
„ Inspections of Milkshops and Dairies	369
„ Contraventions Noted	13
„ Contraventions Remedied	7

Examination of Milk.

214 Samples of milk were submitted to the Bacteriologist and subjected to the Methylene Blue Test.

Designation	Satisf'y	Not Satisf'y	Total
Ordinary	19	8	27
Accredited	120	21	141
Tuberculin Tested	30	2	32
Sterilized	5	—	5
Pasteurised	7	—	7
Heat Treated	1	1	2
	<u>182</u>	<u>32</u>	<u>214</u>

Seventy-six samples of milk were submitted to the Plate Count Test as follows :—

Designation	Satisf'y	Not Satisf'y	Total
Pasteurised	38	15	53
Heat Treated	1	2	3
Sterilized	18	2	20
	<u>57</u>	<u>19</u>	<u>76</u>

Seventy-seven samples of milk were submitted to the Phosphatase Test with the following results :—

Designation	Satisf'y	Not Satisf'y	Total
Pasteurised	39	15	54
Heat Treated	2	1	3
Sterilized	20	—	20
	<u>61</u>	<u>16</u>	<u>77</u>

The standard laid down in the Milk (Special Designations) Order, 1936 and 1938, for Pasteurised Milk is that the milk must not contain more than 100,000 bacteria per millilitre. Seventy-eight samples of milk were returned as follows :—

Designation	Bacteria per millilitre.			
	Less than 25,000	25,000—50,000	50,000—100,000	Over 100,000
Pasteurised	15	11	15	14
Heat Treated	1	—	—	2
Sterilized	15	2	1	2
	<u>31</u>	<u>13</u>	<u>16</u>	<u>18</u>

Six samples of milk were submitted to biological examination for B. Tuberculosis :—

Designation	No. Submitted	Positive	Negative
Tuberculin Tested	1	—	1
Accredited	3	—	3
Ordinary	1	—	1
Sterilized	1	1	—
	<u>6</u>	<u>1</u>	<u>5</u>

Ice Cream.

The following samples of ice cream were submitted for bacteriological examination :—

Month	No. of Samples	Coliform Test.		Plate Count Test.	
		Passed	Failed	Passed	Failed
April	4	1	3	3	1
May	13	5	8	8	5
June	5	—	5	—	5
July	16	8	8	11	5
August	4	4	—	4	—
	42	18	24	26	16

Ice Cream Mixtures.

Two samples of ice cream mixture were submitted to the Coliform and Plate Count Tests and both were satisfactory.

Sixteen samples were examined for Pathogenic Organisms and all were negative.

Milk (Special Designations) Orders, 1936-41.

The number of licences held at 31st December, 1945, were :—

Tuberculin Tested—

Licence to produce and bottle	2
Licence to bottle and sell	2
Licence to sell	4
Supplementary licence to sell	1

Accredited—

Licence to produce and bottle	5
Licence to produce	9

Pasteurised—

Licence to pasteurise, bottle and sell	2
Supplementary Licence to sell	1
Licence to sell	1

Meat.

Number of visits made to slaughterhouses 319

Number of Licences to slaughter animals—

Total issued up to 31st December, 1945 719

The weight of meat condemned is given as under—

Meat Condemned	tons	cwts.	qrs.	lbs.
Weight of Beef	—	—	1	27
Weight of Mutton... ..	—	—	—	6
Weight of Mutton Offal	—	—	—	18
Weight of Pork	—	10	—	6
Weight of Pork Offal	1	15	—	6
	2	5	3	7

Number of inspections of Meat Shops and Stalls made was 539.

Particulars of other food surrendered as unfit for food—

TINNED FOOD—

Soup	81 tins
Vegetables	334 "
Fruit and Jam	228 "
Fish	189 "
Meat	447 "
Milk and Cream... ..	89 "
	<hr/>
	1368 "
	<hr/>

FRESH FOOD—

Cheese	31 lbs
Bread	64 "
Oranges	1319 "
Sugar	2 "
Baking Powder	36 "
Dripping	36 "
Wheatmeal Cake	20 "
Ham	14 "
Pearl Barley	56 "
Biscuits	51 $\frac{3}{4}$ "
Raisins	2 $\frac{1}{2}$ "
Cocoa	36 "
Oats	66 "
Tea	1 $\frac{1}{2}$ "
Flour	80 $\frac{1}{2}$ "
Dates	172 "
Lard	5 "
Butter	4 $\frac{3}{4}$ "
Margarine	23 $\frac{1}{4}$ "
Chocolates	2 "
Cabbages	8920 "
Coffee	40 tins
Salad Dressing Powder	11 "
Wheat Flakes	18 pkts
Pudding Mixture	147 "
Egg Powder	360 "
Soup Powder	72 "
Bun Flour	75 "
Rolled Oats	154 "
Sausage Rusk	9 sts.
Crabs	18 "
Fish	105 $\frac{1}{2}$ "
Malted Milk	167 jars
Pickles	9 "
Plums	25 cwts.
Fish Cakes	71 doz.
Meat Pies	6 "
Eggs	41 $\frac{3}{4}$ "
Chocolate Bars	71 "

Markets.

No. of visits made to market	158
------------------------------	-----	-----	-----	-----	-----

General Food Premises.

Number of visits to General Food Premises	...	...	...	376
" " Fried Fish Shops	...	...	...	180
" " Bakehouses	...	...	...	125
" " Food Preparing Premises	...	...	...	201
" " Meat Shops	...	...	...	224

1106

**Samples of Food and Drugs sent to the Public Analyst for Examination
during the year 1945.**

Article	Samples Taken	Informal		Formal		Total	
		Genuine	Adult'd	Genuine	Adult'd	Genuine	Adult'd
Milk	134	—	—	129	5	129	5
Ice Cream	4	4	—	—	—	4	—
Other Food & Drugs—							
Aspirin	1	1	—	—	—	1	—
Beef Cubes	1	1	—	—	—	1	—
Bun Flour	3	2	1	—	—	2	1
Boracic Powder	1	1	—	—	—	1	—
Bronchial Mixture	1	1	—	—	—	1	—
Barley	1	1	—	—	—	1	—
Buttercup Syrup	1	1	—	—	—	1	—
Blood Purifier	1	1	—	—	—	1	—
Beef Extract	1	1	—	—	—	1	—
Bile Ovals	1	1	—	—	—	1	—
Bronchial Tablets	1	1	—	—	—	1	—
Bicarbonate of Soda	1	1	—	—	—	1	—
Baking Powder	1	1	—	—	—	1	—
Butter	2	—	—	2	—	2	—
Custard Powder	1	1	—	—	—	1	—
Chocolate Laxative	2	2	—	—	—	2	—
Compound Syrup of Hypophosphites	1	1	—	—	—	1	—
Cake Mixture	1	1	—	—	—	1	—
Coffee	1	1	—	—	—	1	—
Cream of Magnesia Tablets with Glucose	1	—	1	—	—	—	1
Culinary Flavour	1	1	—	—	—	1	—
Curried Nut Meat	1	1	—	—	—	1	—
Cereals	1	1	—	—	—	1	—
Cough Mixture	1	1	—	—	—	1	—
Camomile Pills	1	1	—	—	—	1	—
Cocoa	1	1	—	—	—	1	—
Dynoids	1	1	—	—	—	1	—
Electric Liniment	1	1	—	—	—	1	—
Fish Paste	3	1	2	—	—	1	2
Glycerine, Lemon & Ipecacuanua Mix.	1	—	1	—	—	—	1
Ground Nutmegs	1	1	—	—	—	1	—
Gelatine Powder	3	3	—	—	—	3	—
Glycerine of Thymol	1	1	—	—	—	1	—
Glycerine & Honey	1	1	—	—	—	1	—
Gravy Maker	1	1	—	—	—	1	—
Guinness	1	—	—	1	—	1	—
Gin	1	—	—	1	—	1	—
Head Powder	1	1	—	—	—	1	—
Herb Beer	1	1	—	—	—	1	—
Health Salts	1	1	—	—	—	1	—
Iris Cocktail	1	1	—	—	—	1	—
Koffs	1	1	—	—	—	1	—
Limeade	1	1	—	—	—	1	—
Laxative Syrup	2	2	—	—	—	2	—
Lime Flavour Comp.	1	1	—	—	—	1	—
Live Yeast Tablets	1	1	—	—	—	1	—
Lard	3	—	—	3	—	3	—
Meat Paste	2	1	1	—	—	1	1
Mixed Spice	2	2	—	—	—	2	—
Meat Pies	1	1	—	—	—	1	—

Article	Samples Taken.	Informal		Formal		Total	
		Genuine	Adult'd	Genuine	Adult'd	Genuine	Adult'd
Malted Milk Tablets	2	2	—	—	—	2	—
Mustard	7	6	1	—	—	6	1
Malted Food	1	1	—	—	—	1	—
Margarine	3	—	—	3	—	3	—
Milk Beer	1	—	—	1	—	1	—
Oranhal	1	1	—	—	—	1	—
Potted Meat	2	1	1	—	—	1	1
Parafours	1	1	—	—	—	1	—
Pineapple Flavour ...	1	1	—	—	—	1	—
Rum Flavour	1	1	—	—	—	1	—
Semolina Mould	4	4	—	—	—	4	—
Sponge Mixture	4	4	—	—	—	4	—
Sauces	3	3	—	—	—	3	—
Sweetening Tablets ...	1	1	—	—	—	1	—
Sausages	1	1	—	—	—	1	—
Sugar of Milk	1	1	—	—	—	1	—
Soyacream	1	—	—	—	1	—	1
Sage & Onion Stuffing	1	1	—	—	—	1	—
Table Dessert... ..	1	1	—	—	—	1	—
Tea	2	1	—	1	—	2	—
Table Cream	1	1	—	—	—	1	—
Tonic Phosphates	1	1	—	—	—	1	—
Throat Specific	1	1	—	—	—	1	—
Vironita	1	1	—	—	—	1	—
Vincta	1	1	—	—	—	1	—
Whisky	3	—	—	3	—	3	—
Totals—							
Milk & Ice Cream ...	138	4	—	129	5	133	5
Other Food & Drugs	110	86	8	15	1	101	9
	248	90	8	144	6	234	14

Particulars of Adulteration.

Article.	Adulteration or Offence	Remarks
Glycerine, Lemon and Ipecacuana Mixture	Contained not more than 1% Glycerine	Warning letter
Milk	15.5% added water	No. action
Milk	11 2% added water	No action
Milk	98.7% min. amount fat	Warning letter
Milk	94.7% min. amount fat	do.
Ham and Beef Paste	Contained only 43% meat	do.
Salmon Paste	Contained only 61.5% fish	do.
Vit. Cream of Magnesia Tablets with Glucose	Only 11.62% glucose	do.
Mustard	Deterioration in storage	Informal warning letter
Milk	93 7% min amount fat	Warning letter
Shrimp Paste	Only 40% meat	No action
Soyacream	Contained 28% starch—label declared starch-free	Informal warning letter
Bun Flour	Available gas only 0.50%	No action
Potted Meat	Deficient in meat	Warning letter

Sale of Milk Regulations.

The minimum standard required for milk is laid down in the Sale of Milk Regulations, 1939, made under the Food and Drugs Act, 1938. Milk should contain not less than 3.0% butter fat and 8.5% solids not fat. Milk samples taken under the Food and Drugs Act during the year yield the following results :—

Month	Number of samples taken	Average Results.		Number adulterated
		Fat	Solids not fat	
January	6	3.62	8.59	—
February	17	3.44	8.41	4
March	6	3.36	8.40	—
April	9	3.44	8.51	—
May	11	3.84	8.72	—
June	15	4.62	8.55	1
July	6	3.45	8.60	—
August	6	3.57	8.67	—
September	8	4.29	8.52	—
October	25	4.15	8.60	—
November	17	3.79	8.56	—
December	8	3.94	8.53	—
Total... ..	134	3.79	8.55	5

Percentage adulterated—3.73%

In conclusion, I should like to tender to the Chairman and Members of the Health and Housing Committees my thanks for the help and consideration given to me during the year, and to the Medical Officer of Health my deep appreciation for the help and support he has extended to me in the course of my duties.

I desire also to record my appreciation of the loyal and valuable services rendered by the District Inspectors, clerical staff and workmen of the Department.

I am,

Your obedient servant,

H. HAWORTH, M.S.I.A.,

Chief Sanitary Inspector

